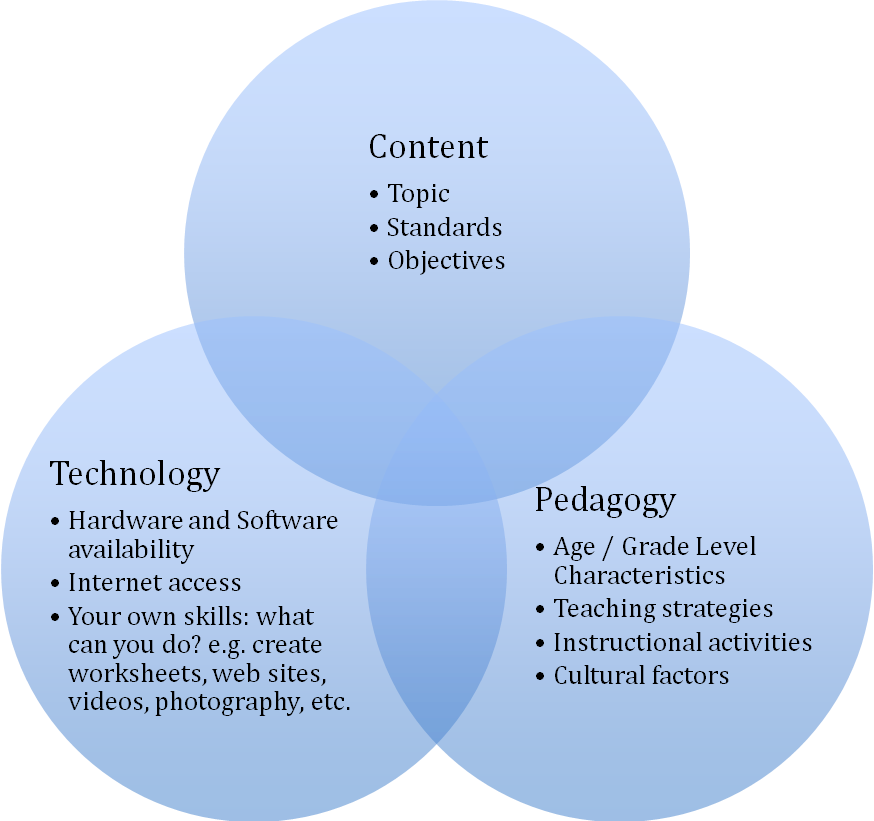
Name: Cherie DeVore School: Cresaptown Elementary

Grade Level: 5 Subject Area: Science Topic: Climate and Weather



**TPACK**

**Content**

Topic: Severe Storms

Standard:

**Content Standard:** Earth/Space

**Area:** A. Materials and Processes That Shape A Planet

**Indicator Statement:** 2. Cite and describe the processes that cause rapid or slow changes in Earth's surface.

**Objective:** a. Identify and describe events such as tornadoes, hurricanes, volcanic eruptions, earthquakes, and flooding which change surface features rapidly.

Objective: TSWBAT- State the characteristics that make hurricanes and tornadoes.

TSWBAT- Recall where each type of storm takes place and why.

**Technology**

Hardware and software: The room is equipped with a smart board, overhead projector, tv, and computers. The computers allow for Microsoft Office; they are PC’s.

Internet access: The internet is readily available on a master computer for the teacher as well as individual computers for the students.

Your own skills: I am able to navigate around basic computer programs. I am also able to troubleshoot to find the source of a technological problem.

**Pedagogy**

Age/ Grade level characteristics: The students like to watch videos but the videos can not be too long. They are engaged with entertainment and questions that truly challenge them.

Teaching strategies:

Instructional activities: The students will work individually as well as in groups. There will be whole group instruction as well as small group instruction.

Cultural factors: The students are all of the same background and grew up in the same area. A few of the children are of different racial background.